

1   **ABSTRACT**

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3       This application provides an electronic endoscope system  
4   allowing an accurate delay time corresponding to a length of  
5   an electronic scope to be set and allowing a configuration to  
6   be simplified. The electronic endoscope system is configured  
7   by connecting electronic endoscopes different in length to a  
8   processor unit and provided with a reference-delay-time  
9   generation circuit for generating a signal having a rough  
10   reference delay time and a short-delay-time generation circuit  
11   for generating a signal having a delay time shorter than the  
12   reference delay time by using a gate delay device or the like.  
13   A microcomputer in the processor unit reads  
14   delay-time-designation control data  $D_1$  and  $D_2$  from a ROM in  
15   an electronic scope, generates a delay drive clock signal by  
16   the two delay-time generation circuits in accordance with the  
17   control data  $D_1$  and  $D_2$ , and executes preferable image processing  
18   in accordance with the delay signal.